

=====

Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2007; month=12; day=18; hr=18; min=27; sec=36; ms=968;
]

=====

Application No: 10560665 Version No: 1.1

Input Set:

Output Set:

Started: 2007-12-18 18:26:42.707
Finished: 2007-12-18 18:26:42.916
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 209 ms
Total Warnings: 2
Total Errors: 0
No. of SeqIDs Defined: 2
Actual SeqID Count: 2

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)

SEQUENCE LISTING

<110> Merck & Co., Inc.
 Singh, Sheo Bux
 Wang, Jun
 Basilio, Angela
 Genilloud, Olga
 Tormo, Jose Ruben
 Hernandez, Pilar

<120> Antibiotic Compound

<130> 21376YP

<140> 10/560,665

<141> 2005-12-13

<150> 60/489,865

<151> 2003-07-23

<150> PCT/US04/23780

<151> 2004-07-20

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1449

<212> DNA

<213> Streptomyces sp.

<400> 1

```

ccgtcaggac ggacgctggc ggcgtgctta acacatgcaa gttccaacga tgaacctcct 60
tcgggagggg aattagtggc gaacgggtga gtaacacgtg ggcaatctgc ccttcactct 120
gggacaagcc ctggaaacgg ggtctaatac cggatacgac caccgaccgc atggtcgttg 180
tggttgaaaag ctccggcggg gaaggatgag cccgcggcct atcagcttgt tggtggggtg 240
atggcctacc aaggcgacga cgggtagccg gcctgagagg gcgaccggcc aactggggac 300
tgagacacgg ccagactcc tacgggaggg agcagtgggg aatattgcac aatgggcgaa 360
agcctgatgc agcgacgcc cgtgagggat gacggccttc gggttgtaaa cctctttcag 420
cagggaagaa gcgagagtga cggtagctgc agaagaagcg ccggctaact acgtgccagc 480
agccgcggta atacgtaggg cgcaagcggt gtccggaatt attgggcgta aagagctcgt 540
aggcggtctg tcacgtcgga tgtgaaagcc cggggcttaa ccccggtct gcattcgata 600
cgggcaggct agagttcggg aggggagatc ggaattcctg gtgtagcggg gaaatgcgca 660
gatatcagga ggaacaccgg tggcgaaagg ggatctctgg gccgatactg acgctgagga 720
gcgaaagcgt ggggagcgaa caggattaga taccctggta gtccacgccg taaacgttgg 780
gaactaggtg tgggcgacat tccacgtcgt ccgtgccgca gctaacgcat taagttcccc 840
gcctggggag tacggccgca aggctaaaac tcaaaggaat tgacgggggc ccgcacaagc 900
agcggagcat gtggcttaat tcgacgcaac gcgaagaacc ttaccaaggc ttgacataca 960
ccggaaacgt ctggagacag gcgccccctt gtggtcggtg tacagggtgt gcatggctgt 1020
cgtcagctcg tgtcgtgaga tgttgggtta agtcccgcga cgagcgcaac ccttgttctg 1080
tgttgccagc atgccttcg ggggtgatgg gactcacagg agactgccgg ggtcaactcg 1140
gaggaaggtg gggacgacgt caagtcatca tgccccctat gtcttgggct gcacacgtgc 1200
tacaatggcc ggtacaatga gctgcgatac cgcgaggttg agcgaatctc aaaaagccgg 1260
tctcagttcg gattgggggc tgcaactcga ccccatgaag tcggagttgc tagtaatcgc 1320

```

agatcagcat	tgtctgcggtg	aatacgttcc	cgggccttgt	acacaccgcc	cgtcacgtca	1380
cgaaagtcgg	taacacccga	agccggtggc	cacaacgccc	tctgtgcgag	gcaatctgtc	1440
cgaaggtcg						1449

<210> 2

<211> 1496

<212> DNA

<213> Streptomyces sp.

<400> 2

tcctggctca	ggacgaacgc	tggcggcggtg	cttaaacaca	tgcaagtcga	acgatgaacc	60
tccttcggga	ggggattact	ggcgaacggg	tgagtaacac	gtgggcaatc	tgcccttcac	120
tctgggacaa	gccctggaaa	cggggtctaa	taccggatac	gacacacgac	cgcatggtct	180
gtgtgtggaa	agctccggcg	gtgaaggatg	agcccgcggc	ctatcagctt	gttgggtggg	240
tgatggccta	ccaaggcgac	gacgggtagc	cggcctgaga	gggcgaccgg	ccacactggg	300
actgagacac	ggcccagact	cctacgggag	gcagcagtgg	ggaatattgc	acaatgggcg	360
aaagcctgat	gcagcgacgc	cgcgtgaggg	atgacggcct	tcgggttgta	aacctctttc	420
agcagggaa	aagcgagagt	gacgggtacct	gcagaagaag	cggcgctaa	ctacgtgcca	480
gcagccgcgg	taaataacgt	agggcgcaag	cgttgtccgg	aattattggg	cgtaaagagc	540
tcgtaggcgg	cttgtcacgt	cggatgtgaa	agcccggggc	ttaaccccg	gtctgcattc	600
gatacgggca	ggctagagtt	cggtagggga	gatcgggaatt	cctggtgtag	cggtgaaatg	660
cgcagatatc	aggaggaaca	ccggtggcga	aggcggatct	ctgggccgat	actgacgctg	720
aggagcgaaa	gcgtggggag	cgaacaggat	tagataccct	ggtagtccac	gccgtaaacg	780
ttgggaacta	ggtgtgggag	acattccacg	tcgtccgtgc	cgcagctaac	gcattaagtt	840
ccccgcctgg	ggagtacggc	cgcaaggcta	aaactcaaag	gaattgacgg	gggcccgcac	900
aagcagcggg	gcatgtggct	taattcgacg	caacgcgaag	aaccttacca	aggcttgaca	960
tacaccggaa	acgtctggag	acaggcgccc	ccttgtggtc	ggtgtacagg	tggtgcatgg	1020
ctgtcgtcag	ctcgtgtcgt	gagatgttgg	gttaagtccc	gcaacgagcg	caacccttgt	1080
tctgtgttgc	cagcatgccc	ttcgggggtga	tggggactca	caggagactg	ccgggggtcaa	1140
ctcgagggaa	ggtggggacg	acgtcaagtc	atcatgcccc	ttatgtcttg	ggctgcacac	1200
gtgctacaat	ggccggtaca	atgagctgcg	ataccgagag	gtggagcgaa	tctcaaaaag	1260
ccggtctcag	ttcggatttg	ggtctgcaac	tcgaccccat	gaagtcggag	ttgctagtaa	1320
tcgcagatca	gcattgctgc	ggtgaatacg	ttcccggggc	ttgtacacac	cgcccgtcac	1380
gtcacgaaa	tcggtaaac	ccgaagccgg	tggcccaacc	ccttgtggga	gggaatcgtc	1440
gaaggtggga	ctggcgattg	ggacgaagtc	gtaacaaggt	agccgtaccg	gaaggt	1496